



"The beautiful thing about learning is nobody can take it away from you."
— B.B. King, Musician

2021 Online Summer Program

August 16 - 20, 2021 Organized by College of Pharmacy, TMU

In Collaboration with :



Dr. Jean C. Shih
USC



Dr. Ian S. Haworth
USC



Dr. Yu-Jui Yvonne Wan
UC Davis



Dr. Sung Won, Kwon
SNU



Dr. Kyo Bin Kang
Sookmyung
Women's U.



Dr. Che Yang
Novo Nordisk



Dr. Yoshihiro Sato
Hokkaido U.



Dr. Shinichi Nakagawa
Hokkaido U.



Dr. Mohamed El-Shazly
The German U.
in Cairo, Egypt

Program will be held via Webex.
 The link will be provided after you complete
 the online registration.

For more information, please contact

 joyceshih@tmu.edu.tw

Registration





Course Description



Target Audience

- International students & faculty interested in research & practice experience in Taiwan
- Prospective graduate students seeking for study opportunities
- Researchers & practitioners seeking for collaboration

Topics

- Clinical pharmacy
- Natural Products
- Medicinal Chemistry
- Pharmacology
- Biologics
- Synthetic Chemistry
- Biochemistry
- Pharmaceutical
- Pharmacogenomics
- Pharmacoeconomics

Program Requirements

- Audio, microphone and internet connection required. All lectures & discussions will be delivered through virtual classroom, consisting of both live & recorded sessions. Participants will be provided with the program link after registration.

Certificate of Completion

- Certificate(PDF) will be issued to the participants who have succeeded in completing the program.

Program Cost

- Free

Language

- English

Registration (Deadline: Aug 13, 2021)

<https://forms.gle/QkDd6CARwQDWii7S9>



2021 Online Summer Program Schedule

Time (TW)	8/16(Mon)	8/17(Tue)	8/18(Wed)	8/19(Thu)	8/20(Fri)
9:00 10:00	Orientation (Start at 9:30am)	<i>Paired genomics and metabolomics-guided natural product discovery</i>		<i>Rhodium(I)-Catalyzed Cyclization via Rhodacycle Intermediates</i>	<i>Mutant analyses of novel genes in mice</i>
10:00 11:00	<i>Pharmacoepidemiology</i> TMU Prof. Chung-Hsuen Wu	<i>Sookmyung Women's University</i> Prof. Kyo Bin Kang	<i>MAO Inhibitors and NIR-MAOI Conjugate for Brain and Prostate Cancers</i> USC Prof. Jean Chen. Shih	<i>Hokkaido University</i> Prof. Yoshihiro Sato	<i>Hokkaido University</i> Prof. Shinichi Nakagawa
11:00 12:00	<i>High-throughput Screening for anticancer drugs</i> TMU Prof. Sung-Bau Lee	<i>Nutrition, gut microbiota and health</i> UC Davis Prof. Yu-Jui Wan	<i>Physicochemical Principles in Drug Design and Delivery</i> USC Prof. Ian S. Haworth	<i>TCM theory in modern scientific research</i> TMU Prof. Chia-Jung Lee	<i>Mass spectrometry based platforms for metabolomics/lipid omics</i> Seoul National University Prof. Kwon, Sung Won
Lunch					
14:00 15:00	<i>Clinical Pharmacy Practice in Taiwan</i> TMU Prof. Elizabeth-H Chang	<i>Clinical proteomics for cancer biomarker discovery</i> TMU Prof. Chia-Li Han	<i>Looking into the next mile of life from new drug discovery story</i> TMU Prof. Kuei-Hung Lai	<i>Academic writing</i> TMU Prof. Yu Ko	<i>Molecular Cancer Biology and Therapeutic Sciences</i> TMU Prof. Er-Chieh Cho
15:00 16:00	<i>Bioinformatics on prevention of adverse drug reactions</i> TMU Prof. Hsiang-Yin Chen	<i>Mass Spectrometry in Metabolomics</i> TMU Prof. San-Yuan Wang		<i>Computational protein design: a new path toward the design of future protein drugs</i> Novo Nordisk Prof. Che Yang	<i>Biodegradable Polymers and their Role in Drug Delivery Systems</i> TMU Prof. Chien-Ming Hsieh
16:00 17:00	<i>Subtle structural alterations in the chemical architecture of lead compounds to generate potent antitumor constructs</i> TMU Prof. Kunal Nepali	<i>Ring construction in total synthesis of natural products</i> TMU Prof. Hsueh-Yun Lee	<i>Nutrients involved in antioxidant function</i> The German University in Cairo, Egypt Prof. Mohamed El-Shazly	<i>Students' Life at TMU and Taiwanese Culture</i> TMU Voltaire Lee	